

Converting Colors

$Yxy(39.0960, 0.3527, 0.3282)$

Have a look what the booklet for
Yxy(39.0960, 0.3527, 0.3282)
contains.

Yxy(39.0990, 0.3525, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0990, 0.3525, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C79E9F
RGB	199, 158, 159
RGB Percent	78%, 62%, 62%
CMY	0.2195, 0.3804, 0.3765
CMYK	0.00, 0.21, 0.20, 0.22
HSL	359°, 27%, 70%
HSV	359°, 21%, 78%
XYZ	42.0451, 39.0990, 38.1329
YIQ	170.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

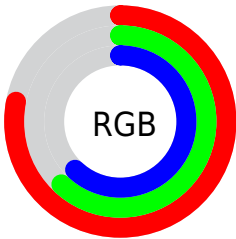
Format	Color
R_{YB}	199, 158, 159
Decimal	13082271
CIE _{Lab}	68.82, 15.36, 5.27
CIE _{LCh}	69, 16.238, 18.943
Yxy	39.0990, 0.3525, 0.3278
Android (android.graphics.Color)	4291272351 (0xFFC79E9F)
YUV	170.3730, -5.6069, 25.1059
Hunter-Lab	62.5292, 10.5988, 7.6130

Details

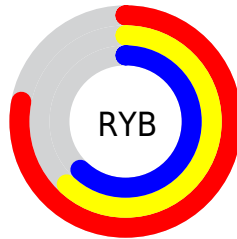
The Yxy color **39.0990, 0.3525, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2097, 0.2829, 0.3302**, and the grayscale version is **40.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7035, 0.3435, 0.3281**, and **17.3201, 0.3640, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **32.2303, 0.3794, 0.3272**, and if you desaturate by 10%, it is **47.1767, 0.3309, 0.3284**.

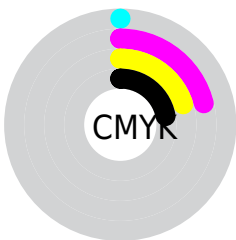
Distribution



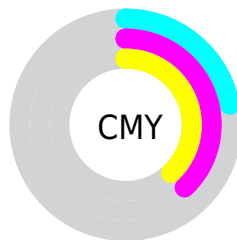
- Red (78%)
- Green (62%)
- Blue (62%)



- Red (78%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0990, 0.3525, 0.3278 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.0990, 0.3525, 0.3278 by changing the saturation by 10% instead.


 39.0990, 0.3525,
0.3278


 39.0990, 0.3525,
0.3278


342.3112, 0.3319,
0.3287

 26.8368, 0.3579,
0.3275


 73.7895, 0.3448,
0.3282

 17.4507, 0.3649,
0.3270

 96.9866, 0.3420,
0.3283

 10.5563, 0.3746,
0.3263


124.5974, 0.3396,
0.3284

 5.7693, 0.3886,
0.3250

157.0063, 0.3376,
0.3285

 2.7053, 0.4107,
0.3226

194.5978, 0.3359,
0.3285

 0.9799, 0.4540,
0.3194

237.7562, 0.3344,


 0.0000, 1.0000,


0.3286

0.0000


286.8658, 0.3331,
0.3286


 0.0000, 0.0000,
0.0000


 39.0990, 0.3525,
0.3278


 39.0990, 0.3525,
0.3278


 32.2303, 0.3794,
0.3272


 47.1767, 0.3309,
0.3284


 26.5075, 0.4124,
0.3266


 56.5120, 0.3137,
0.3290

 21.8698, 0.4519,
0.3262

 67.1572, 0.2998,
0.3295

 18.2488, 0.4969,
0.3260

 79.1603, 0.2887,
0.3300

 15.5682, 0.5442,
0.3262

 90.8870, 0.2800,
0.3289

■ 13.7409, 0.5877,
0.3269

■ 12.6638, 0.6202,
0.3280

■ 12.1578, 0.6377,
0.3287

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0990, 0.3334, 0.3086



39.0990, 0.3525, 0.3278



39.0990, 0.3605, 0.3480

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.0990, 0.3525, 0.3278



39.0990, 0.3148, 0.3669



39.0990, 0.2716, 0.2931

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.0990, 0.3525, 0.3278



52.2097, 0.2829, 0.3302

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.0990, 0.2671, 0.3072



39.0990, 0.3525, 0.3278



39.0990, 0.2915, 0.3506

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.0990, 0.3525, 0.3278



39.0990, 0.3382, 0.3717



39.0990, 0.2743, 0.3282



39.0990, 0.2866, 0.2889

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.0990, 0.3525, 0.3278



39.0990, 0.3584, 0.3596



39.0990, 0.2743, 0.3282



39.0990, 0.2688, 0.2968

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.1008, 0.3525, 0.3278



89.6996, 0.3226, 0.3287



40.5363, 0.3138, 0.2781



18.9702, 0.3238, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1008, 0.3525, 0.3278



62.4731, 0.3645, 0.3275



46.1168, 0.3487, 0.3535



10.6411, 0.3286, 0.3285



7.8165, 0.6370, 0.3283



0.3716, 0.6264, 0.3224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.1008, 0.3525, 0.3278



62.4731, 0.3645, 0.3275



43.9879, 0.2806, 0.3032



10.6411, 0.3286, 0.3285



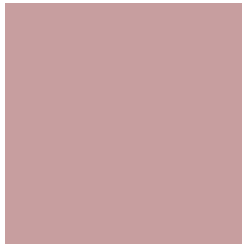
7.8165, 0.6370, 0.3283



0.3716, 0.6264, 0.3224

Previews

White Background



This preview shows how the Yxy color 39.0990, 0.3525, 0.3278 looks on a white background.

Color Contrast Check

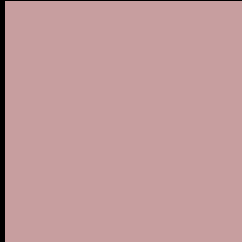
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.0990, 0.3525, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

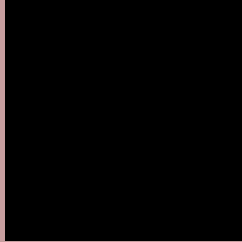
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0990, 0.3525, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 39.0990, 0.3525, 0.3278.



This preview shows how white text looks on a background with the Yxy color 39.0990, 0.3525, 0.3278.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.0990, 0.3525, 0.3278

Protanopia

39.0884, 0.3199, 0.3332

Deuteranopia

39.0006, 0.3416, 0.3345



Tritanopia

38.9209, 0.3441, 0.3124

Trichromacy



Original Color

39.0990, 0.3525, 0.3278

Protanomaly

39.1046, 0.3316, 0.3318

Deuteranomaly

39.1648, 0.3457, 0.3331

Tritanomaly

39.1099, 0.3478, 0.3188

Monochromacy



Original Color

39.0990, 0.3525, 0.3278

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8494, 0.3268, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0990, 0.3525, 0.3278 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 159)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.0990, 0.3525, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 158, 159) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 158, 159) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0990, 0.3525, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 159) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
158, 159) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor